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... In simple terms, frequency offset destroys the **harmonic** structure of the **tones** and thus the ... First, consider the effect of timing offset on the **OFDM tones**. ...  
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... While the **OFDM** transmitter generated orthogonal **tones** by creating a specific linear **harmonic** relationship between all the **tones**, frequency offset shifts each ...  
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... This noise may have high **harmonic** content related to the ... A second advantage of **OFDM** is the ability to do ... is modulated onto subcarriers for the **tones** that do ...  
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... Due to the complex modulation scheme of **OFDM** signals, with ... may need to simulate multiple **tones** with many **harmonics** and robust **harmonic**-balance simulators ...  
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... these requirements, including orthogonal frequency-division multiplex (**OFDM**), opportunity-driven ... Spurious and **harmonic** signals are **tones** produced by ...  
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... more large-signal close-in **tones**. High LO- Low IF; CG; IMD; IP3; -1dB. Load Pull; VCO / Phase Noise analysis. Optimize for IP3, ACPR, PAE, EVM, NPR, & **harmonic** ...  
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... Here, the two-tone harmonic balance results are the output spectrum, source power ... just steady state; and to simulate accurately and completely **OFDM**, wireless LAN ...  
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... analysis in signal processing applications, including basic **OFDM** systems. ... the original signal, including the common **harmonic** and two-tone distortion effects ...

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... Division Multiplex (**OFDM**) Tutorial 3 ( )  $\sin \sin ft \text{ mwt } n = \times \text{ wt } (1) ft \text{ wt } nwt ( )$   
 $\sin * \sin =$  Sine wave multiplied by another of a different **harmonic** ...

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... in the form of complex digital modulated waveforms as **OFDM** or CDMA ... (A low pass filter is commonly used to eliminate **harmonic**, but not ... **MULTI-TONE SATURATED POWER** ...

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... **OFDM** with 128 sub-carriers and 100 data tones 32 sample cyclic prefix, 5 sample guard, 165 samples per symbol ... Interleave **OFDM** symbol tones Frequency diversity ...

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... for better selection of modulation and tones parameters. ... Peak-to-mean power ratio: **OFDM** signals exhibit ... may result in high out of band **harmonic** distortion power ...

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**Publications in 1999**

... for Performing Spectral Processing in Tone Detection, Patent ... Performance of Turbo-coded **OFDM**, IEE Colloquium ... JS Roberts, Sub-THz passive **harmonic** mode-locking ...

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... and apparatus for detecting signalling **tones**, Patent Australia ... JH Marsh, Near-THz Passive **Harmonic** Mode-Locking ... Multipath-Doppler diversity of **OFDM** signals in ...  
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... Full V 5 pF Phase Noise (1 kHz Offset, 6 MHz **Tone**) 25°C V -115 dBc/Hz ... SINAD Full V 65.5 dBc THD (Second to Ninth **Harmonics**) Full IV -73 -66.6 dBc ...

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... LMCS, MMDS Base Stations Digital Synthesis QAM and **OFDM** ... Total **Harmonic** Distortion f DAC = 100 MSPS; f OUT ... Multitone Power Ratio (Eight **Tones** at 110 kHz Spacing ...

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... 144 5.6 Appendix: **OFDM** Synchronisation Performance . . .

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... in a high out-of-band (OOB) **harmonic** distortion power ... and carrier-frequency offsets at the **OFDM** receiver. ... on known pilot symbols or pilot **tones** embedded into ...

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... is the case for most of the current **OFDM** systems ... iid capacity, we show that the optimal placement minimizes the **harmonic** mean (HM) of the MSE of data **tones**. ...

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... of chords or other multiple **tones**; certain kinds of ... Orthogonal frequency division modulation (**OFDM**), also known as ... Changes may be **harmonic**, melodic, contrapuntal ...

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... carrier signal and two sidebands at the same offset as the **tone** frequency ... Phase modulation also typically causes **harmonics** of the sidebands to appear, which can ...

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... In the context of communications, multi-**tone** multi-level ... sequence is a special form of **OFDM** signal which ... out-of-band intermodulation and **harmonic** distortion [13 ...

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... for **OFDM** PAR Reduction Via **Tone** Reservation", accepted ... and DL Jones, "PAR Reduction in **OFDM** Via Active ... from linear operator theory and **harmonic** analysis to ...

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... one **harmonic**) provides enough information to reliably decode and estimate the entire frame and all CSI. Such pilot **tones** are already incorporated in most **OFDM** ...  
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... use of a modified EE&R in **OFDM** and QAM ... 9], although this structure uses an auxiliary pilot **tone**. ... corresponding output signal, at the first **harmonic** zone, can ...  
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... **harmonic** balance methods are only good at simulating nonlinear circuits with periodic signals that can be described by a small number of sinusoidal **tones** and ...  
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... the excitation signals consists of several spectral **tones** as like ... Since the LSNA is based on **harmonic** sampling, it can ... the spectral regrowth for an **OFDM** signal ...  
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... used in CDMA as well as QAM and **OFDM** signals as ... up to 30%, less than 3% total **harmonic** distortion for ... Signaling **tones** The modulation oscillator can be used to ...  
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... be seen as increased in-band **harmonic** components. ... include FDMA, TDMA, CDMA, PSK,

QAM, **OFDM**, and frequency ... VSS, including two PSK signals, CW **tones**, and thermal ...  
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## Glossary

... based on outputting two non-**harmonic**-related frequencies ... to adjust the image **tone** reproduction, typically to ... **OFDM** Orthogonal Frequency Division Modulation or ...

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## CPK Staff Ramjee Prasad

... of spectral amplitudes for **harmonic** coders", Speech ... Enhancing spectral efficiency of **OFDM** systems by Data Transmission over Pilot **Tones** ", September, 2004 ...

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... overlaps the other carrier frequencies (or their **harmonics**). ... AT&T believes **OFDM** systems will effectively eliminate ... interpreted by the ear as different **tones**. ...

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... **OFDM** Demodulator ... a low bit-rate PAC can produce a very clean single **tone** test signal. ... In this particular receiver, the high- est noise or **harmonic** component is ...

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... Variable envelope modulation ( QPSK , **OFDM**, etc) : CDMA, EDGE ... place Less noise and spurious **tones** ( No IF ... solution to avoid LO pulling - **Harmonic** mixers - offset ...

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... MHz to 6 GHz 3 **tones** (optional); 500 ... cdma2000, EDGE, CCK, PBCC, DBPSK, DQPSK, **OFDM**. ... and Output Match, Intermodulation Distortion, **Harmonic** Distortion, Magnitude ...

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## orthogonal frequency division modulation

... modulation Orthogonal frequency division modulation (**OFDM**) is a ... distortion – signal droop – single-**harmonic** distortion ... shift keying, where two **tones** are used ...

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... Fig. 6: Two **tones** test; comparison between ADS **Harmonic** Balance simulations and ... by a medium power and an high crest factor due to the **OFDM** modulation). ...  
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... Using **harmonic** telegraphy Edison in 1874 achieved 500 ... by over-the-trunk **tone** signaling in ... offset frequency division modulation (**OFDM**) multichannel modulation ...  
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... good progress: voltage unbalance, total **harmonic** distortion, voltage ... is to implement the **OFDM** system on a ... the Dual **Tone** Multi-frequency **tones**, which represent ...  
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... **tone** performance measures such as total **harmonic** distortion (THD ... Specifically, each **tone's** starting phase is adjusted ... the case of the DMT/**OFDM** spectrum, where ...

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... Finally, we show how R-dimensional **harmonic** retrieval problems ... channel estimation in systems using **OFDM** modulation. ... compare it with the pilot **tone** one proposed ...

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... using a multicarrier platform that is similar to **OFDM**. ... the data-bit duration and over all **tones**. ... which generate undesired intermodulation and **harmonic** products ...

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... to measure these quantities, we can determine total **harmonic** distortion, occupied ... analysis capability, the Fourier analyzer is able to capture **periodic** as well ...

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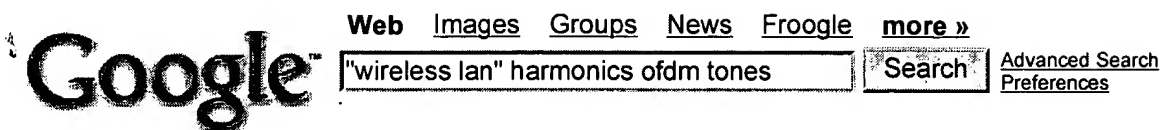
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**2 Continuation method in multitone harmonic balance**

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Circuits and Systems, 2004. ISCAS '04. Proceedings of the 2004 International Symposium on, Volume: 5, 23-26 May 2004

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**4 Steady-state analysis of multitone nonlinear circuits in wavelet domain**

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Pages:785 - 797

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**5 Cyclostationary noise analysis of large RF circuits with multitone excitations**

*Roychowdhury, J.; Long, D.; Feldmann, P.;*  
Solid-State Circuits, IEEE Journal of , Volume: 33 , Issue: 3 , March 1998  
Pages:324 - 336

[\[Abstract\]](#) [\[PDF Full-Text \(400 KB\)\]](#) IEEE JNL

---

**6 Large-signal multitone excitation in analogue active filters**

*Bowron, P.; Muhieddine, A.A.;*  
Digital and Analogue Filter and Filtering Systems, IEE Colloquium on , 13 Dec 1991  
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[\[Abstract\]](#) [\[PDF Full-Text \(156 KB\)\]](#) IEE CNF

---

**7 Harmonic balance simulation of laser fields under multitone SCM modulation**

*Westbrook, L.D.;*  
Electronics Letters , Volume: 28 , Issue: 24 , 19 Nov. 1992  
Pages:2245 - 2247

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---

**8 Spectrally pure excitation signals: only a dream?**

*Rabijns, D.; Van Moer, W.; Vandersteen, G.;*  
Instrumentation and Measurement, IEEE Transactions on , Volume: 53 , Issue: 5 , Oct. 2004  
Pages:1433 - 1440

[\[Abstract\]](#) [\[PDF Full-Text \(496 KB\)\]](#) IEEE JNL

---

**9 General-purpose harmonic balance analysis of nonlinear microwave circuits under multitone excitation**

*Rizzoli, V.; Cecchetti, C.; Lipparini, A.; Mastri, F.;*  
Microwave Theory and Techniques, IEEE Transactions on , Volume: 36 , Issue: 12 , Dec 1988  
Pages:1650 - 1660

[\[Abstract\]](#) [\[PDF Full-Text \(964 KB\)\]](#) IEEE JNL

---

**10 Optimum harmonic spacing for MT-MFSK synchronisation symbols**

*Evans, M.J.; Yates, K.W.;*  
Electronics Letters , Volume: 30 , Issue: 7 , 31 March 1994  
Pages:543 - 544

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---

**11 Symbol and carrier phase synchronisation of MT-MFSK symbols**

*Evans, M.J.; Yates, K.W.;*  
Electronics Letters , Volume: 29 , Issue: 14 , 8 July 1993  
Pages:1304 - 1305

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---

**12 A unified approach of PM noise calculation in large RF multitone autonomous circuits**

*Bolcato, P.; Nallatamby, J.C.; Larcheveque, R.; Prigent, M.; Obregon, J.;*

Microwave Symposium Digest., 2000 IEEE MTT-S International , Volume: 1 , 11-16  
June 2000  
Pages:417 - 420 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(296 KB\)\]](#) [IEEE CNF](#)

---

**13 EHBSim: Matlab-based multitone excited nonlinear circuit simulation program**

*da Cunha Brito, L.; de Carvalho, P.H.P.;*

Microwave and Optoelectronics Conference, 2001. IMOC 2001.Proceedings of the  
2001 SBMO/IEEE MTT-S International , Volume: 1 , 6-10 Aug. 2001

Pages:9 - 12 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(366 KB\)\]](#) [IEEE CNF](#)

---

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*Larcheveque, R.; Bolcato, P.; Ngoya, E.;*

Circuits and Systems, 1998. ISCAS '98. Proceedings of the 1998 IEEE International  
Symposium on , Volume: 6 , 31 May-3 June 1998

Pages:330 - 333 vol.6

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---

**15 Harmonic-balance analysis of multitone autonomous nonlinear microwave circuits**

*Rizzoli, V.; Neri, A.;*

Microwave Symposium Digest, 1991., IEEE MTT-S International , 10-14 June 1991

Pages:107 - 110 vol.1

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